

JC784 U.S. PTO  
12/31/01

01-08-08 J

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
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JC978 U.S. PTO  
10/03/9646

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P13455  
(maximum 12 characters)

First Named Inventor Robert D. Cavin

Title: INCREASING DATA THROUGHPUT ON A WIRELESS LOCAL AREA NETWORK IN THE PRESENCE OF INTERMITTENT INTEREST

Express Mail Label No. EL 867 651 172 US

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 28)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 5)
5.  Oath or Declaration (Total Pages 5)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. \_\_\_\_\_ Assignment Papers (cover sheet & documents(s))  
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
\_\_\_\_\_ b. Power of Attorney  
11. \_\_\_\_\_ English Translation Document (if applicable)  
12. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449  
\_\_\_\_\_ b. Copies of IDS Citations  
13. \_\_\_\_\_ Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16. \_\_\_\_\_ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17. \_\_\_\_\_ Other: \_\_\_\_\_

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation       Divisional       Continuation-in-part (CIP)  
Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_  
(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

Correspondence Address Below

NAME Peter Lam

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

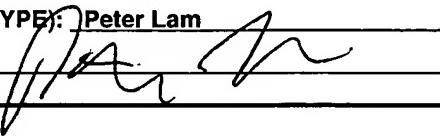
ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Peter Lam Registration No.: 44,855

Signature:  Date: 12/31/2001

**FEE TRANSMITTAL FOR FY 2002**TOTAL AMOUNT OF PAYMENT (\$) \$914.00

## Complete if Known:

Application No. Not yet assignedFiling Date 12/31/01First Named Inventor Robert D. CavinGroup Art Unit Not yet assignedExaminer Name Not yet assignedAttorney Docket No. 42390.P13455**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

 Check Money Order Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
101	740	201	370
106	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80
		Utility application filing fee	<u>740</u>
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____

SUBTOTAL (1) \$ 740**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims <u>25</u>	- 20** = <u>5</u>	X <u>18</u>	= <u>90</u>
Independent Claims <u>4</u>	- 3** = <u>1</u>	X <u>84</u>	= <u>84</u>
Multiple Dependent			= _____

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	Fee Description
Fee	Fee	Fee
Code	(\$)	Code
103	18	203
102	84	202
104	280	204
109	84	209
110	18	210
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		**Reissue independent claims over original patent
		**Reissue claims in excess of 20 and over original patent

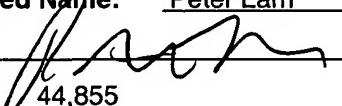
SUBTOTAL (2) \$ 174

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	Surcharge - late filing fee or oath
127	50	227	Surcharge - late provisional filing fee or cover sheet
139	130	139	Non-English specification
147	2,520	147	For filing a request for ex parte reexamination
099	8,800	099	Request for inter partes reexamination
112	920*	112	Requesting publication of SIR prior to Examiner action
113	1,840*	113	Requesting publication of SIR after Examiner action
115	110	215	Extension for response within first month
116	400	216	Extension for response within second month
117	920	217	Extension for response within third month
118	1,440	218	Extension for response within fourth month
128	1,960	228	Extension for response within fifth month
119	320	219	Notice of Appeal
120	320	220	Filing a brief in support of an appeal
121	280	221	Request for oral hearing
138	1,510	138	Petition to institute a public use proceeding
140	110	240	Petition to revive unavoidably abandoned application or unavoidably delayed payment of issue fee
141	1,280	241	Petition to revive unintentionally abandoned application or unintentionally delayed payment of issue fee
142	1,280	242	Utility issue fee (or reissue)
143	460	243	Design issue fee
144	620	244	Plant issue fee
122	130	122	Petitions to the Commissioner
123	50	123	Petitions related to provisional applications
126	180	126	Submission of Information Disclosure Stmt
581	40	581	Recording each patent assignment per property (times number of properties)
146	740	246	For filing a submission after final rejection (see 37 CFR 1.129(a))
149	740	249	For each additional invention to be examined (see 37 CFR 1.129(b))
179	740	279	Request for Continued Examination (RCE)
169	900	169	Request for expedited examination of a design application
Other fee (specify) _____			
Other fee (specify) _____			

**SUBTOTAL (3) \$ 0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: Peter LamSignature:  Date: 12/31/2001Reg. Number: 44,855 Telephone Number: (408) 720 8300

Serial/Patent No.: **\*\*\*\*\***  
Client: **Intel Corporation**  
Title: **INCREASING DATA THROUGHPUT ON A WIRELESS LOCAL AREA NETWORK  
IN THE PRESENCE OF INTERMITTENT INTERFERENCE**

BSTZ File No.: **42390.P13455**

Date Mailed: **12/31/01**

Filing/Issue Date: **12/31/01**

Atty/Secty Initials: **PXL/mrp**  
Docket Due Date: **\*\*\*\*\***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (\_\_\_\_ pgs.)  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)  
 Application - Utility (28 pgs., with cover and abstract)  
 Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)  
 Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)  
 Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)  
 Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)  
 Application - Design (\_\_\_\_ pgs.)  
 Application - PCT (\_\_\_\_ pgs.)  
 Application - Provisional (\_\_\_\_ pgs.)  
 Assignment and Cover Sheet  
 Certificate of Mailing (express)  
 Declaration & POA (5 pgs.)  
 Disclosure Docs & Oig & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)  
 Drawings: 5 # of sheets includes 5 figures

Express Mail No.: **EL867651172US**  Check No: **47419**  
 Month(s) Extension of Time **Amt \$914.00**  
 Information Disclosure Statement & PTO-149 (\_\_\_\_ pgs.)  Check No.  
 Issue Fee Transmittal  
 Notice of Appeal  
 Petition for Extension of Time  
 Petition for \_\_\_\_\_  
 Postcard  
 Power of Attorney (\_\_\_\_ pgs.)  
 Preliminary Amendment (\_\_\_\_ pgs.)  
 Reply Brief (\_\_\_\_ pgs.)  
 Response to Notice of Missing Parts  
 Small Entity Declaration for Indep. Inventor/Small Business  
 Transmittal Letter, in duplicate  
 Fee Transmittal, in duplicate

Other: **Copy of return receipt postcard with express mail certificate of mailing.**

"Express Mail" mailing label number: **EL 867 651 172 US**

Date of Deposit: **December 31, 2001**

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner for Patents, Washington, D. C. 20231

**Maureen R. Pettibone**

(Typed or printed name of person mailing paper or fee)

**Maureen R. Pettibone**

(Signature of person mailing paper or fee)

**12/31/01**

(Date signed)